

R. Schwach

9815

TECH CENTER 1600/2900

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/458,302

DATE: 06/29/2001
TIME: 15:52:13

Input Set : A:\-144.app
Output Set: N:\CRF3\06292001\I458302.raw

P5

ENTERED

4 <110> APPLICANT: Epimmune, Inc.
5 John Fikes
6 Alessandro Sette
7 John Sidney
8 Scott Southwood
9 Robert Chesnut
10 Esteban Celis
11 Elissa Keogh
12 Epimmune Inc.
14 <120> TITLE OF INVENTION: Inducing Cellular Immune Responses to
15 Carcinoembryonic Antigen Using Peptide and Nucleic Acid
16 Compositions
18 <130> FILE REFERENCE: 018623-014400US
20 <140> CURRENT APPLICATION NUMBER: US 09/458,302
21 <141> CURRENT FILING DATE: 1999-12-10
23 <150> PRIOR APPLICATION NUMBER: US 08/027,146
24 <151> PRIOR FILING DATE: 1993-03-05
26 <150> PRIOR APPLICATION NUMBER: US 08/073,205
27 <151> PRIOR FILING DATE: 1993-06-04
29 <150> PRIOR APPLICATION NUMBER: US 08/159,184
30 <151> PRIOR FILING DATE: 1993-11-29
32 <150> PRIOR APPLICATION NUMBER: US 08/205,713
33 <151> PRIOR FILING DATE: 1994-03-04
35 <150> PRIOR APPLICATION NUMBER: US 09/189,702
36 <151> PRIOR FILING DATE: 1998-11-10
38 <160> NUMBER OF SEQ ID NOS: 2385
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44 <212> TYPE: PRT
45 <213> ORGANISM: Artificial Sequence
47 <220> FEATURE:
48 <223> OTHER INFORMATION: Artificial Peptide
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52 1 5
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65 1 5 10
68 <210> SEQ ID NO: 3
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70 <212> TYPE: PRT
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73 <220> FEATURE:
74 <223> OTHER INFORMATION: Artificial Peptide
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78 1 5 10
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83 <212> TYPE: PRT
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87 <223> OTHER INFORMATION: Artificial Peptide
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90 Ala Ser Asn Pro Ser Pro Gln Tyr
91 1 5
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95 <211> LENGTH: 10
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97 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: Artificial Peptide
102 <400> SEQUENCE: 5
103 Ala Ser Asn Pro Ser Pro Gln Tyr Ser Trp
104 1 5 10
107 <210> SEQ ID NO: 6
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109 <212> TYPE: PRT
110 <213> ORGANISM: Artificial Sequence
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113 <223> OTHER INFORMATION: Artificial Peptide
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116 Ala Thr Gly Gln Phe Arg Val Tyr
117 1 5
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122 <212> TYPE: PRT
123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
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129 Asp Leu Val Asn Glu Glu Ala Thr Gly Gln Phe
130 1 5 10
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134 <211> LENGTH: 9
135 <212> TYPE: PRT
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138 <220> FEATURE:
139 <223> OTHER INFORMATION: Artificial Peptide

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149 <213> ORGANISM: Artificial Sequence
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154 <400> SEQUENCE: 9
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159 <210> SEQ ID NO: 10
160 <211> LENGTH: 10
161 <212> TYPE: PRT
162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Artificial Peptide
167 <400> SEQUENCE: 10
168 Glu Ile Gln Asn Thr Thr Tyr Leu Trp Trp
169 1 5 10
172 <210> SEQ ID NO: 11
173 <211> LENGTH: 10
174 <212> TYPE: PRT
175 <213> ORGANISM: Artificial Sequence
177 <220> FEATURE:
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180 <400> SEQUENCE: 11
181 Glu Ser Pro Ser Ala Pro Pro His Arg Trp
182 1 5 10
185 <210> SEQ ID NO: 12
186 <211> LENGTH: 9
187 <212> TYPE: PRT
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190 <220> FEATURE:
191 <223> OTHER INFORMATION: Artificial Peptide
193 <400> SEQUENCE: 12
194 Glu Thr Gln Asp Ala Thr Tyr Leu Trp
195 1 5
198 <210> SEQ ID NO: 13
199 <211> LENGTH: 10
200 <212> TYPE: PRT
201 <213> ORGANISM: Artificial Sequence
203 <220> FEATURE:
204 <223> OTHER INFORMATION: Artificial Peptide
206 <400> SEQUENCE: 13
207 Glu Thr Gln Asp Ala Thr Tyr Leu Trp Trp
208 1 5 10
211 <210> SEQ ID NO: 14

RAW SEQUENCE LISTING

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237 <210> SEQ ID NO: 16
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239 <212> TYPE: PRT
240 <213> ORGANISM: Artificial Sequence
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245 <400> SEQUENCE: 16
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247 1 5 10
250 <210> SEQ ID NO: 17
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252 <212> TYPE: PRT
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260 1 5
263 <210> SEQ ID NO: 18
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265 <212> TYPE: PRT
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268 <220> FEATURE:
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271 <400> SEQUENCE: 18
272 His Ser Ala Ser Asn Pro Ser Pro Gln Tyr
273 1 5 10
276 <210> SEQ ID NO: 19
277 <211> LENGTH: 11
278 <212> TYPE: PRT
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Input Set : A:\-144.app

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290 <211> LENGTH: 8
291 <212> TYPE: PRT
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297 <400> SEQUENCE: 20
298 Ile Ile Gln Asn Asp Thr Gly Phe
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303 <211> LENGTH: 9
304 <212> TYPE: PRT
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310 <400> SEQUENCE: 21
311 Ile Ile Gln Asn Asp Thr Gly Phe Tyr
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317 <212> TYPE: PRT
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336 <400> SEQUENCE: 23
337 Ile Ser Pro Leu Asn Thr Ser Tyr
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341 <210> SEQ ID NO: 24
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343 <212> TYPE: PRT
344 <213> ORGANISM: Artificial Sequence
346 <220> FEATURE:
347 <223> OTHER INFORMATION: Artificial Peptide
349 <400> SEQUENCE: 24
350 Ile Ser Pro Pro Asp Ser Ser Tyr
351 1 5

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

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L:31067 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2385